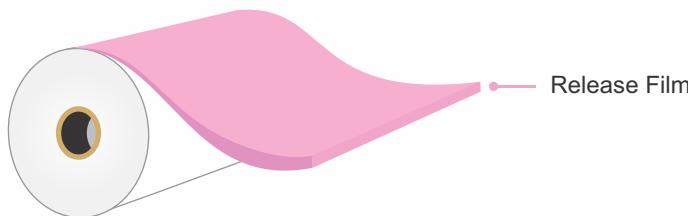


# BOPET - Transparent release Film

## RLF-0

### Structure



### Description

RLF-0 is a co-extruded, transparent BOPET film. The film is both side untreated.

### Features

- High mechanical strength & durability
- Good Clarity and Transparency
- Excellent machinability properties
- Good thermal & dimensional stability

### Applications

- This film grade is specially designed for silicon coating application for better release..

Properties	Ref.	Units	ASTM#/Test Method	Typical Values				
				RLF-0				
<b>Physical Data</b>								
Average Thickness		micron	D-374-C	19	23	30	36	50
		gauge		76	92	120	144	200
		mils		0.7	0.9	1.2	1.4	2.0
Density		g/cc		1.4	1.4	1.4	1.4	1.4
Average Substance		g/m <sup>2</sup>		26.6	32.2	42.0	50.4	70
Surface tension (min.)	UT	dynes/cm	D-2578	42 - 44				
Kinetic COF (Max.)	UT/UT			0.40/0.45				
Yield		m <sup>2</sup> /Kg	D-4321	37.6	31.0	23.8	19.8	14.28
		in <sup>2</sup> /lb		26435	21795	16733	13948	10039
<b>Optical Data</b>								
Haze (Max.)		%	D-1003	4.0	5.0	5.5	6.0	7.0
<b>Mechanical Data</b>								
Tensile Strength (min.)	MD	kg / cm <sup>2</sup>	D-882	2000	2000	1900	1900	1900
	TD			2100	2100	2000	2000	2000
Elongation (min.)	MD	%	D-882	115	115	115	120	120
	TD			95	95	95	95	95
<b>Thermal Data</b>								
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	2.0				
	TD			0.0				

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

CT : Corona Treated UT : Untreated

**Storage & Handling :** PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

**Disclaimer :** The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.